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PHOTO INTELLIGENCE MEMORANDUM

QUEMOY SITUATION STUDY

GP/I-68

(Project 71.174)

21 March 1955

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Declass Review by NIMA / DoD

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Photo Intelligence Memorandum

QUEMOY SITUATION STUDY

This memorandum is submitted in reply to a request by OCI for information on military installations in the Amoy area as determined from a study of the latest available aerial photography. While most of the area reported on was covered by [REDACTED] coverage it was necessary to utilize photography dated as far back as [REDACTED] for a portion of Amoy Island.

25X1D

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The area under study is covered by the following AMS sheets of Series L 783: 8628 I, 8628 II, 8628 III, 8628 IV, and 8728 IV. A plot of installations as determined by a study of aerial photography is being maintained on a situation map of the area on a continuing basis.

The location of all points is reported by the standard military grid reference system to the nearest 100 yards. Machine guns and other light weapon firing positions are excluded from this study.

SUMMARY OF WEAPON POSITIONS IN THE AMOY AREA

Occupied positions

Artillery	72
Heavy anti-aircraft	16
Medium anti-aircraft	<u>98</u>
Total	186

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Unoccupied positions

Artillery	440
Anti-aircraft	80
Total	520

SUMMARY OF WEAPON POSITIONS ON HSIA MEN (AMOY ISLAND)

Occupied positions

Artillery	36
Heavy anti-aircraft	12
Medium anti-aircraft	50
Total	98

Unoccupied positions

Artillery	292
Anti-aircraft	60
Total	352

DETAILED REPORT OF WEAPON POSITIONS

HSIA MEN (AMOY CITY)

Artillery	0
Heavy anti-aircraft	4
Medium anti-aircraft	12
Unoccupied artillery positions	0
Unoccupied anti-aircraft positions	8

MILITARY CAMP (Grid coordinate 0058)

Artillery	8
Heavy anti-aircraft	0
Medium anti-aircraft	0
Unoccupied artillery positions	12

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Unoccupied anti-aircraft positions 0

TUNG-PUNG-SHAN MILITARY CAMP (0359)

Artillery 12

Heavy anti-aircraft 0

Medium anti-aircraft 4

Unoccupied artillery positions 24

Unoccupied anti-aircraft positions 0

HSI-PIEN AREA (From 0056 to 0456)

Artillery 0

Heavy anti-aircraft 0

Medium anti-aircraft 4

Unoccupied artillery positions 32

Unoccupied anti-aircraft positions 8

This area is protected by an elaborate system
of barbed wire, tank ditches, trenches, pill-
boxes and firing positions.

HUANG-TS'O AREA (From 0456 to 0860)

Artillery 0

Heavy anti-aircraft 0

Medium anti-aircraft 0

Unoccupied artillery positions 12

Unoccupied anti-aircraft positions 8

This area is protected by an elaborate system
of barbed wire, tank ditches, strong points,
trenches, pillboxes and firing positions.

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CH' IEN-PU AREA (From 0860 to 1063)

Artillery	4
Heavy anti-aircraft	0
Medium anti-aircraft	6
Unoccupied artillery positions	104
Unoccupied anti-aircraft positions	8

The area is protected by an elaborate system of barbed wire, tank ditches, strong points, trenches, pillboxes and firing positions.

HO-TS' O to TIEN-LI AREA (From 1063 to 1068)

Artillery	0
Heavy anti-aircraft	0
Medium anti-aircraft	0
Unoccupied artillery positions	52
Unoccupied anti-aircraft positions	4

The area is protected by an elaborate system of barbed wire, tank ditches, strong points, trenches, pillboxes and firing positions.

HSI-LIN-HO to HO-PIEN AREA (From 0562 to 0765)

Artillery	8
Heavy anti-aircraft	4
Medium anti-aircraft	4
Unoccupied artillery positions	20
Unoccupied anti-aircraft positions	4

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HSI-LIN-HO to HO-PIEN AREA (From 0562 to 0765) (Cont.)

The latest available coverage of most of this area was dated [REDACTED] Eight artillery positions were noted at 062616 on the [REDACTED] coverage.

On aerial coverage of these positions dated [REDACTED] [REDACTED] the positions were empty. The new location of these guns is not known. The area is protected by trenches, pillboxes, tank ditches, and light weapon positions.

IU-TS O AREA (From 0262 to 0468)

Artillery	4
Heavy anti-aircraft	0
Medium anti-aircraft	8
Unoccupied artillery positions	24
Unoccupied anti-aircraft positions	12

AN-TOU to TUNG-TU AREA (From 0368 to 9762)

Artillery	0
Heavy anti-aircraft	0
Medium anti-aircraft	4
Unoccupied artillery positions	12
Unoccupied anti-aircraft positions	0

KAO-CHI and AMOY A/F AREA (From 0071 to 0468)

Artillery	0
Heavy anti-aircraft	4

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Medium anti-aircraft 8

Unoccupied artillery positions 0

Unoccupied anti-aircraft positions 8

The area is protected by trenches, pillboxes,
tank ditches, and light weapon positions.

KU-LAND HSU (9658)

Medium anti-aircraft 4

CHI-MEN PENINSULA (9973)

Artillery 0

Heavy anti-aircraft 4

Medium anti-aircraft 8

Unoccupied artillery positions 0

Unoccupied anti-aircraft positions 0

AO-TOU to TS'AI-TS'O AREA (From 1469 to 2075)

Unoccupied artillery positions 20

Trenches, scattered pillboxes and weapon positions
protect the beaches.

HUNG-TS'E (1478)

Artillery 4

Medium anti-aircraft 4

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LIEN-HO AREA (From 2177 to 2976)

Artillery	16
Heavy anti-aircraft	0
Medium anti-aircraft	16
Unoccupied artillery positions	40
Unoccupied anti-aircraft positions	8

Trenches, pillboxes and light weapon
positions protect the beaches.

K'UEI-HSIA AREA (From 3077 to 3780)

Artillery	8
Heavy anti-aircraft	0
Medium anti-aircraft	0
Unoccupied artillery positions	24
Unoccupied anti-aircraft positions	0

The area is protected by trenches, pill-
boxes and light weapon positions.

AO-T'OU to CHIN-CHING (From 4084 to 5673)

Only scattered trench positions noted.

WEI-T'OU AREA (5368)

Artillery	0
Heavy anti-aircraft	0
Medium anti-aircraft	8

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Unoccupied artillery positions 8
Unoccupied anti-aircraft positions 4

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This area has shown activity since [REDACTED]
coverage with the addition of the medium anti-aircraft
guns and construction work on the artillery positions.
Trenches, pillboxes and light weapon positions are
scattered throughout the area.

TA-TENG TAO (2571)

Artillery 8
Heavy anti-aircraft 0
Medium anti-aircraft 8
Unoccupied artillery positions 56
Unoccupied anti-aircraft positions 8

Eight artillery positions may be occupied by light
artillery pieces. Additional light artillery pieces
are probably located in bunkers. However, the
quality of photography did not permit more positive
identification. The island is further protected by
light anti-aircraft positions plus an elaborate
system of defensive installations including trenches,
strong points, pillboxes, tank ditches, barbed wire
and light weapon positions.

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HSIAO-TENG TAO (3171) and CHIAO-HSU (3370)

These islands are protected by an elaborate system of defensive installations including probable light artillery bunkers, trenches, strong points, pillboxes, tank ditches, barbed wire and light weapon positions.

MILITARY BUILDING CONSTRUCTION

A considerable number of new buildings have been constructed throughout the area. The buildings are primarily barracks type structures, one story in height and of frame construction. Older buildings in the area are widely used for troop billeting and other military purposes. The major concentrations of new buildings are given below:

<u>No.</u>	<u>Type</u>	<u>Size (Feet)</u>	<u>Grid Location</u>
25	Barracks	140 x 25	020613
13	Barracks	140 x 25	020614
35	Barracks	140 x 25	030624 to 056623
30	Bldgs average size	40 x 45	" to "
9	Barracks	200 x 45	078640
40	Bldgs average size	40 x 25	078640
17	Barracks average size	60 x 25	063599
12	Barracks	180 x 45	063599
20	Bldgs average size	55 x 35	049585
2	Barracks	180 x 45	037567
20	Barracks average size	140 x 45	030590
5	Barracks	140 x 45	020605

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<u>No.</u>	<u>Type</u>	<u>Size (Feet)</u>	<u>Grid Location</u>
13	Barracks	140 x 45	000585
16	Bldgs average size	60 x 40	000585
16	Barracks	200 x 50	990727
4	Prob. fuel storage bldgs.	100 x 60	002588

25X1B

TRUCK PARKS

Motor vehicles noted in the truck park areas are invariably placed in vehicle revetments. The number of vehicles noted in the truck parks are listed below:

<u>No. of motor vehicles</u>	<u>Grid coordinate</u>
12	033680
14	254767
50	053612
10	030590
12	254768

ROADS

Tung-an to Chimen. Two lane road, 20' wide probably of crushed stone. 15' x 15' bridge at 037837.

Chimen to Amoy Island Causeway. Apparently of rock and earth fill with a 50' x 60' bridge toward southeast end. The causeway is passable. However, there are indications of major slumping of portions of the causeway on [REDACTED] coverage. Repairs appeared complete by [REDACTED] coverage with the causeway still restricted to one lane traffic over much of its length.

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Kaochi to Amoy City. 20' to 60' highway of crushed stone, appears in excellent condition.

Chi'i-T'ou (050565) to Wu-ts'un (013612). A 15' road of crushed stone of post World War II construction.

Tung-pung-shan (033587) to Hsi-lin-ko (045621). 15' road of crushed stone completed since [REDACTED] coverage. 25X1D

Mao-hou (065585) to T'ien-ts'o (066617). 20' road probably of crushed stone. Constructed since World War II.

Hsin-tien (156777) to Ao-tou (145692). Engineered road [REDACTED] wide probably of crushed stone. Appears in limited use. 25X1D

Liu-wu-tien (103727) to road junction (149750). [REDACTED] road has deteriorated to one lane. Probably used for foot and cart traffic. 25X1D

Hsin-tien (156777) to Shih-ching (162800) north to Anhui. A well engineered road apparently of crushed stone construction. Ranges in width from [REDACTED] 25X1D

[REDACTED] Appears in moderate use. [REDACTED] bridge 25X1D

at 204773, [REDACTED] bridge at 226763, [REDACTED] bridge at 246763, 25X1D

[REDACTED] bridge at 273753, [REDACTED] bridge at 298770, [REDACTED] 25X1D

bridge at 316781, and a [REDACTED] bridge at 354821. 25X1D

Shih-Shih to Wei-tou. Engineered road ranges in width from [REDACTED] 25X1D

[REDACTED] Restricted to one lane in areas of drifting sand. Appears in limited use. 90' x 10' by-pass bridge at 563786. 25X1D

A road has recently been completed [REDACTED] coverage) 25X1D
from a ferry point at 946537 skirting along the coast and continuing southward from Pai-kong (025385). This is a well engineered, 15' road of crushed stone. 15' x 15' bridge at 937497, 20' x 20' bridge at

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937492, 30' x 15' bridge at 915470, 70' x 15' bridge at 905464,

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25X1D

bridge at 932444, bridge at 015405, and a

25X1D

25X1D

bridge at 022387.

25X1D

A road of crushed stone serves Hung-t'so and an observation post at 994465. A 15' road of crushed stone extends to Kao-shan (012440).

25X1D

MAP REFERENCE

AMS, Series L 783, Nos. 8627 IV, 8628 I, 8628 II, 8628 III, 8628 IV and 8728 IV.

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